

A REQUEST FOR PROPOSAL FOR PERSONAL SERVICES CONTRACT

Department of Highways Professional Services Procurement Bulletin 2011-06 Menifee KY 36 / Magoffin CR-1756

This document constitutes a Request for Proposals for Personal Service Contract from qualified individuals and organizations to furnish those services as described herein for the Commonwealth of Kentucky, Department of Highways.

I. PROJECT DESCRIPTION

- A. County – Menifee
Route – KY 36
Item No. – 10-1090.00
Project Description – Replace bridge on KY-36 (MP 6.081) over Beaver Creek in Frenchburg; .05 miles north of junction with US-460.

- B. County –Magoffin
Route – CR-1756
Item No. – 10-1092.00
Project Description – Replace bridge on CR-1756 (Rye Branch Rd.) (MP 0.031) over Trace Fork; .08 miles north of junction with KY-542.

II. PROJECT INFORMATION

Project Manager – Darren Back
User Division – Highway Design

- A. 10-1090.00
Approximate Fee – \$245,000 Roadway and Structure Design. (Lump Sum Fee)
Project Funding – Federal Funds (BRO)
Project Length – approximately .2 miles

- B. 10-1092.00
Approximate Fee –: \$175,000 Roadway and Structure Design. (Lump Sum Fee)
Project Funding – Federal Funds (BRZ)
Project Length – approximately .1 miles

III. PURPOSE AND NEED

- A. (10-1090.00): The purpose of this bridge replacement project is to replace a 75 year old, 3-span (87' total length) Concrete T-Beam Bridge (083B00001N) with sidewalk and an asphalt overlay and approaches on KY-36 over Beaver Creek approximately .05 miles north of the junction with US-460 in order to provide a safe, reliable roadway for those wanting to access Frenchburg, KY via US-460 or Owingsville, KY via KY-36. This project is needed because the structure has been classified as Structurally Deficient and Functionally Obsolete. The

structure width is 24 feet curb-to-curb while the approaching roadway width is 22 feet. The concrete girders, piers, and ends of the pier caps, are deteriorating badly and significant section loss to exposed rebar has occurred. The deck drains have been completely covered by asphalt overlay. Concrete girders are covered with heavy efflorescence. The Sufficiency Rating is currently shown as 39.2.

- B. (10-1092.00): The purpose of this project is to replace a 40 year old, single span (50' total length) Steel Stringer Bridge (077C00048N) with a wooden deck on CR-1756 (Rye Branch Rd.) over Trace Fork approximately .08 miles north of the junction with KY-542 in order to provide a safe, reliable roadway for the residents of Rye Branch Rd. and Lewis Joseph Cemetery Rd. This project is needed because the structure has been classified as Structurally Deficient. The structure is approximately 11 feet wide curb-to-curb with an approaching roadway width of 14 feet. The untreated deck timbers are beginning to fail and gaps between timbers are widening. The south end of the bridge has no abutment and steel beams are embedded into the embankment. The Sufficiency Rating is currently shown as 17.3.

IV. DBE REQUIREMENT

None

V. SCOPE OF WORK

The selected consultant will be required to conduct preliminary engineering studies to identify appropriate typical section, utility impacts, line and grade, and dependable cost estimate. The environmental document at this time is expected to be CE Level 1 which will be done by the Department.

The selected consultant will be required to provide engineering services to perform Phase II roadway design; including drainage design; right-of-way plans, construction plans, traffic control plans and cost estimates and structure design.

VI. SPECIAL INSTRUCTIONS

One (1) Consultant will be selected to provide services for both projects A & B.

The Department may retain any of the advertised services to be performed by in-house state forces.

Instructions for Response to Announcement can be found at:

http://transportation.ky.gov/progperform/instructions_for_response_to_kentucky_transportation_cabinet_6-9-09.pdf

VII. AVAILABLE STUDIES

None

VIII. METHOD OF DESIGN

The Selected Consultant shall utilize the current CADD Standards for Highway Plans (version 3)

policy in the development of the highway plans.

IX. PHOTOGRAMMETRIC SERVICES

Photogrammetry is not required. Conventional survey methods will be provided by the Department.

X. ENVIRONMENTAL

The Department will provide any necessary Environmental Services. The environmental document at this time is expected to be a CE Level 1 for both projects.

XI. GEOTECHNICAL SERVICES

The Department will provide all Geotechnical Services required for the project.

XII. STRUCTURE DESIGN

The selected consultant shall do the necessary Engineering Services to submit to the KYTC Advanced Situation Folders for the applicable structures. The Structure Design will be performed by the Consultant. Structure Design Services may be added to the contract by contract modification. Prequalification in the area of structure design is required to be identified in the Consultant's Response to Announcement.

XIII. TRAFFIC

Traffic projections and related information will be provided by the Department.

XIV. PREQUALIFICATION REQUIREMENTS

To respond to this project, the project team must be prequalified in the following areas by the date of this advertisement.

ROADWAY DESIGN

- [Rural Roadway Design <\\$250,000](#)

STRUCTURE DESIGN

- [Spans under 500 feet](#)

XV. PROCUREMENT SCHEDULE

Dates other than Response Date are tentative and provided for information only.

RESPONSE DATE • Wednesday, January 19, 2011 4:30 p.m. E.S.T. (Frankfort time)

SELECTION COMMITTEE • February 9, 2011

PRE-DESIGN CONFERENCE • February 23, 2011

TENTATIVE DEADLINE FOR CONSULTANT FEE PROPOSAL • March 2, 2011

CONTRACT NEGOTIATIONS • March 16, 2011

NOTICE TO PROCEED • May 1, 2011

XVI. PROJECT SCHEDULE

Project schedule may be adjusted during the pre-design conference or contract negotiations.

PRELIMINARY LINE AND GRADE • August 1, 2011

JOINT INSPECTION • December 1, 2011

RIGHT-OF-WAY UTILITY PLANS • January 1, 2011

FINAL PLANS • July 1, 2012

XVII. EVALUATION FACTORS

1. Relative experience of consultant personnel assigned to project team with highway projects for KYTC and/or federal, local or other state governmental agencies. (10 points)
2. Capacity to comply with project schedule. (10 points)
3. Past record of performance on project of similar type and complexity. (10 points)
4. Project approach and proposed procedures to accomplish the services for the project. (10 points)
5. Consultant's offices where work is to be performed. (2 points)

For state-funded projects, if a Selection Committee vote results in a tie between two (2) firms, one (1) of which will perform more of the work tasks in Kentucky than the other, then the former firm shall be ranked one (1) place ahead of the latter.

XVIII. SELECTION COMMITTEE MEMBERS

1. Corbett Caudill, PE, User Division
2. Jeff Jasper, PE, User Division
3. Deanna Miller, PE, Secretary's Pool
4. Joe Plunk, PE, Secretary's Pool
5. Buddy Smith, PE, Governor's Pool



